

PATENT ABSTRACTS OF JAPAN

(11) Publication number : 01-231583

(43) Date of publication of application : 14.09.1989

(51)Int.Cl.

(21)Application number : 63-058869

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(22) Date of filing : 11.03.1988

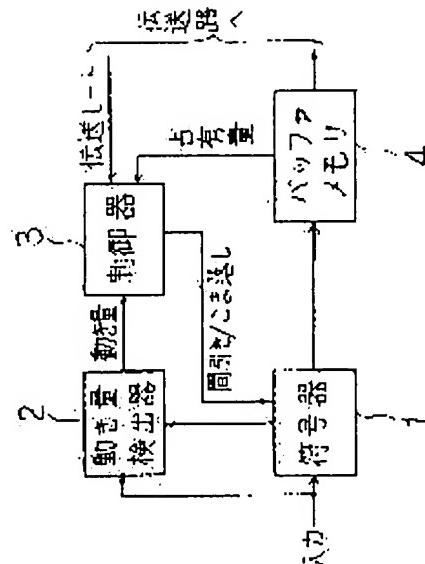
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(54) PICTURE CODING DEVICE WITH VARIABLE BIT RATE

(57) Abstract:

PURPOSE: To avoid the deterioration of the picture quality due to the change of a transmission rate by controlling adaptively the space image resolution or the time image resolution in accordance with the shift value of an input screen in case the transmission bit rate is limited and the occupation rate of a buffer memory is increased.

CONSTITUTION: A controller 3 applies adaptively the control signal to an encoder 1 for thinning or frame omitting action in accordance with the shift value of an input picture detected by a shift detector 2 as long as the occupation rate of a buffer memory 4 exceeds its threshold value when the transmission bit rate instructed from the transmission line side is smaller than the threshold level. Therefore the thinning process is carried out to lower the space image resolution against the large shift value in case the transmission bit rate is kept at a low level. While the frames are omitted to lower the time image resolution against the small shift value. Thus it is possible to reduce the quantity of produced information and to secure the visually stable picture quality.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]